



1600

## RAW SEQUENCE LISTING

DATE: 06/24/2003

PATENT APPLICATION: US/09/870,379A

TIME: 14:26:06

Input Set : A:\Durden-'379US-SeqList.txt

Output Set: N:\CRF4\06242003\I870379A.raw

4 <110> APPLICANT: Donald L. Durden  
 5 ADVANCED RESEARCH & TECHNOLOGY INSTITUTE  
 7 <120> TITLE OF INVENTION: Compositions and Methods for Identifying  
 8 Agents Which Modulate PTEN Function and PI-3 Kinase  
 9 Pathways  
 12 <130> FILE REFERENCE: 1857-PO2575US1  
 14 <140> CURRENT APPLICATION NUMBER: 09/870,379A  
 15 <141> CURRENT FILING DATE: 2001-05-30  
 17 <150> PRIOR APPLICATION NUMBER: 60/274,167  
 18 <151> PRIOR FILING DATE: 2001-03-08  
 20 <150> PRIOR APPLICATION NUMBER: 60/208,437  
 21 <151> PRIOR FILING DATE: 2000-05-30  
 23 <160> NUMBER OF SEQ ID NOS: 23  
 25 <170> SOFTWARE: FastSEQ for Windows Version 3.0

## ERRORED SEQUENCES

28 <210> SEQ ID NO: 1  
 29 <211> LENGTH: 1260  
 30 <212> TYPE: DNA  
 31 <213> ORGANISM: Homo sapiens  
 33 <400> SEQUENCE: 1  
 E--> 34 cttctgccat ctctctctc cttttcttc agccacaggc tcccagacat  
 35 gacagccatc 60  
 E--> 36 atcaaagaga tcgtagcag aaacaaagg agatatcaag aggatggatt  
 37 cgacttagac 120  
 E--> 38 ttgacctata tttatccaaa tattattgct atgggatttc ctgcagaaag  
 39 acttgaaggt 180  
 E--> 40 gtatacagga acaatattga tgatgtagta aggttttttg attcaaagca  
 41 taaaaccat 240  
 E--> 42 tacaagatat acaatctatg tgctgagaga cattatgaca ccgccaaatt  
 43 taactgcaga 300  
 E--> 44 gttgcacagt atccttttga agaccataac ccaccacagc tagaacttat  
 45 caaaccttc 360  
 E--> 46 tgtgaagatc ttgaccaatg gctaagtga gatgacaatc atgttgcagc  
 47 aattcactgt 420  
 E--> 48 aaagctggaa agggacggac tgggtgtaatg atttgtgcat atttattgca  
 49 tcggggcaaa 480  
 E--> 50 tttttaaagg cacaagaggc cctagatttt tatggggaag taaggaccag  
 51 agacaaaaag 540  
 E--> 52 ggagtcacaa ttcccagtc gaggcgctat gtatattatt atagctacct  
 53 gctaaaaaat 600

*Wrong*  
**Does Not Comply**  
**Corrected Diskette Needed**

*format error*

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TIME: 14:26:06

Input Set : A:\Durden-'379US-SeqList.txt

Output Set: N:\CRF4\06242003\I870379A.raw

```

E--> 54  cacctggatt acagaccggt ggcactgctg tttcacaaga tgatgtttga
      55  aactattcca      660
E--> 56  atgttcagtg gcggaacttg caatcctcag tttgtggtct gccagctaaa
      57  ggtgaagata      720
E--> 58  tattcctcca attcaggacc cacgcggcgg gaggacaagt tcatgtactt
      59  tgagttccct      780
E--> 60  cagccattgc ctgtgtgtgg tgatatcaaa gtagagttct tccacaaaca
      61  gaacaagatg      840
E--> 62  ctcaaaaagg acaaaatggt tcaacttttg gtaaatacgt tcttcatacc
      63  aggaccagag      900
E--> 64  gaaacctcag aaaaagtgga aaatggaagt ctttgtgatc aggaaatcga
      65  tagcatttgc      960
E--> 66  agtatagagc gtgcagataa tgacaaggag tatcttgtac tcaccctaac
      67  aaaaaacgat     1020
E--> 68  cttgacaaag caaacaaga caaggccaac cgatacttct ctccaaattt
      69  taagggtgaaa    1080
E--> 70  ctatacttta caaaaacagt agaggagcca tcaaattccag aggctagcag
      71  ttcaacttct    1140
E--> 72  gtgactccag atgttagtga caatgaacct gatcattata gatattotga
      73  caccactgac    1200
E--> 74  tctgatccag agaatgaacc ttttgatgaa gatcagcatt cacaaattac
      75  aaaagtctga    1260
303 <210> SEQ ID NO: 19
304 <211> LENGTH: 29
305 <212> TYPE: DNA
306 <213> ORGANISM: Artificial Sequence
308 <220> FEATURE:
309 <223> OTHER INFORMATION: Primer
311 <400> SEQUENCE: 19
E--> 312  ggggccacat gacagccatc atcaaagag
      313      29
316 <210> SEQ ID NO: 20
317 <211> LENGTH: 29
318 <212> TYPE: DNA
319 <213> ORGANISM: Artificial Sequence
321 <220> FEATURE:
322 <223> OTHER INFORMATION: Primer
324 <400> SEQUENCE: 20
E--> 325  ggtctagatc agacttttgt aatttgtga
      326      29

```

*same**same**same*

## VERIFICATION SUMMARY

DATE: 06/24/2003

PATENT APPLICATION: US/09/870,379A

TIME: 14:26:07

Input Set : A:\Durden-7379US-SeqList.txt

Output Set: N:\CRF4\06242003\I870379A.raw

L:34 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:50 SEQ:1

M:254 Repeated in SeqNo=1

L:158 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0

L:312 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:29 SEQ:19

L:325 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:29 SEQ:20

L:340 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0

L:356 M:258 W: Mandatory Feature missing, &lt;220&gt; Tag not found for SEQ ID#:22

L:357 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0

L:372 M:258 W: Mandatory Feature missing, &lt;220&gt; Tag not found for SEQ ID#:23

L:373 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0